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# RoboDK

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**RoboDK** is an [offline programming](#) and simulation software for industrial robots.<sup>[1]</sup> The [simulation software](#) can be used for many manufacturing projects including [milling](#), [welding](#), pick and place, [packaging and labelling](#), [palletizing](#), painting, [robot calibration](#) and more.<sup>[2]</sup>

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## Main Features

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### Robot Brand Independence

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RoboDK has a library of over 500 robots from more than 50 different manufacturers<sup>[3]</sup> including [ABB](#), [Fanuc](#), [Kuka](#), [Motoman](#) , Hwashi Robots and [Universal Robots](#).<sup>[4]</sup>

### User Interface

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The [user interface](#) enables easy simulation and doesn't require any previous programming knowledge.<sup>[5]</sup>













## File Format

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Different types of files can be imported including step and iges files. RoboDK post processors allow for programs to be exported to an actual robot including, ABB Rapid (mod/prg), Fanuc LS (LS/TP), Kuka KRC/IIWA (SRC/java), Motoman Inform (JBI), [Universal Robots](#) (urscript), Hwashi (C + + ) , Kawasaki (Python and C + + ) and more.<sup>[6]</sup>

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## External links

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- [Official website](#) 

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